

1627

**NOTICE OF EXPIRATION OF PERMIT(S) TO
OPERATE**

06/18/91

OEPA/DOE-FMPC

9

LETTER



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

Original File Copy

1627

RE: NOTICE OF EXPIRATION
OF PERMIT(S) TO OPERATE

1431110128 B001
US DEPT OF ENERGY - FEED MATE JUNE 18, 1991
MARY STONE
P.O. BOX 398705
CINCINNATI OH 45239

The Permit(s) to Operate described in the enclosed attachment(s) will expire on the date(s) shown. Pursuant to Rule 3745-35-02 of the Ohio Administrative Code, renewal application(s) must be filed with the field office if this (these) source(s) are to continue in operation. Please be sure to notify the field office if these sources are shut down or out of service so they can be removed from active status.

Each expiring Permit to Operate is listed on the attached form by application number, expiration date and description and identification of the source. In addition, the name and location of your facility and the person-to-contact and his mailing address are shown. If any of this information is incorrect, please indicate the corrections on the enclosed renewal application form(s).

You are hereby advised that pursuant to Section 3745.11 of the Ohio Revised Code, effective November 15, 1981, a non-refundable application fee in the amount of \$15.00 must accompany each application for a Permit to Operate or Variance.

We request that you complete the enclosed appendix(ces) as appropriate for each source, as well as the application form(s). One appendix and one application form are to be completed for each expiring Permit to Operate. Additional copies of these forms may be made by you as necessary.

Please return your remittance, the application fee card, and the completed application form(s) and appendix(ces) within thirty (30) working days of receipt of this letter to the field office as shown on the attachment.

All documents should be submitted and questions directed to the field office to which you submitted your original application. **DO NOT RETURN THESE DOCUMENTS TO CENTRAL OFFICE.**

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

TGR/tkb

Date Recd JUN 20 1991
E-316161
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NOTICE OF EXPIRATION
SEE ATTACHED LETTER FOR EXPLANATION

PAGE 1

US DEPT OF ENERGY - FEED MATERIALS PROD
WILLEY ROAD
FERNALD OHIO 45239

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MARY STONE
US DEPT OF ENERGY - FEED MATERIALS PROD
P.O. BOX 398705
CINCINNATI OHIO 45239

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APPLICATION NO. 1431110128 EXPIRATION DATE 12/01/91
SOURCE EQUIPMENT DESCRIPTION APPENDIX
COMPANY IDENTIFICATION FOR EQUIPMENT

3001 100 MMBTU/HR COAL-FIRED BOILER: MULTICLONE-ES B
UNIT #1, 78,000 LBS. STEAM/HOUR MAX.
3003 100 MMBTU/HR COAL-FIRED BOILER: MULTICLONE-ES B
UNIT #3, 78,000 LBS. STEAM/HOUR MAX.

MAIL APPLICATION AND APPLICATION FEE TO:

SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI, OH 45210
(513) 651-9437

DO NOT RETURN TO CENTRAL OFFICE

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FOR OFFICIAL USE ONLY

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Premise No. ___/___/___/___

Source No. ___/___

Application No. ___/___ APPENDIX B;FUEL BURNING EQUIPMENT

(Boilers, Heaters, and Steam Generators)

1. Manufacturer _____ Model No. _____
 2. Your identification _____ Year Installed _____
 3. Input capacities (10^6 BTU/hr.): Rated _____ Max. _____ Normal _____
Output capacities (lbs.-steam/hr.): Rated _____ Max. _____ Normal _____
Note: Indicate units if different than above.
 4. Percent used for: Space heat _____ % Process _____ % Power _____ %
 5. Normal Operating schedule: _____ hrs./day, _____ days/wk., _____ wks./year
 6. Type of fuels fired: ☐ Coal ☐ Oil ☐ Natural gas
☐ Wood ☐ LPG ☐ Other, Specify _____
 7. Type of draft: ☐ Natural ☐ Induced ☐ Forced
 8. Combustion Monitoring: ☐ Fuel/air ratio ☐ O_2 ☐ Smoke
☐ Other, Specify _____
- COAL FIRED UNITS
9. Type of firing: ☐ Hand-fired ☐ Underfeed stoker ☐ Traveling grate
☐ Chain grate ☐ Spreader stoker ☐ Cyclones
☐ Pulverized-dry bottom
☐ Pulverized-wet bottom
☐ Other, specify _____
10. Fly ash reinjection: ☐ Yes ☐ No

OIL FIRED UNITS

11. Type of oil: ☐ No.2 ☐ No.6 ☐ Other, specify _____
12. Automization ☐ Oil pressure ☐ Steam pressure ☐ Compressed air
☐ Rotary cup ☐ Other, specify _____
13. Oil preheater: ☐ Yes, Temp. ___ $^{\circ}$ F ☐ No

Operation of an air contaminant source without an effective permit to operate is prohibited pursuant to 3704.05 Ohio Revised Code. EPA-3101

FUEL DATA

14. Complete the following tables for each type of fuel*:

Type of Fuel	Heat Content (BTU/Unit)	Percent		Quantity of Fuel Used		
		Ash	Sulfur	Per Year	Normal/hr.	Maximum/hr.
Coal	BTU/pound			Tons	lbs.	lbs.
OIL	BTU/gallon			gals.	gal.	gal.
Gas	BTU/cu.ft.			cu.ft.	cu.ft.	cu.ft.
Wood	BTU/pound			tons	lbs.	lbs.
LPG	BTU/gallon			gal.	gal.	gal.
Other						

Type of Fuel	Percent Annual Use			
	Winter	Spring	Summer	Fall
Coal				
Oil				
GAS				
Wood				
LPG				
Other				

*Obtain fuel analysis from vendor(s) and report on an as-recieved basis. Use weighted annual averages.

CONTROL EQUIPMENT

Control Equipment Code:

- (A) Settling Chamber
 (B) Cyclone
 (C) Multiple cyclone
 (D) Electrostatic precipitator
 (E) Fabric filter

- (F) Spray Chamber
 (G) Cyclonic Scrubber
 (H) Packed tower
 (I) Venturi
 (J) Other _____

15. Control Equipment data:

Item	Primary Collector	Secondary Collector
(a) Type (See above code)		
(b) Manufacturer		
(c) Model No.		
(d) Year installed		
(e) Your identification		
(f) Pollutant Controlled		
(g) Controlled Pollutant emission rate (if known)		
(h) Pressure drop		
(i) Design efficiency		
(j) Operating efficiency		

STACK DATA

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16. Your stack identification _____
17. Are other sources vented to this stack? ☐ Yes ☐ No
If yes, identify sources _____
18. Type: Round, top inside diameter dimension _____
Rectangular, top inside dimensions (L) _____ x (W) _____
19. Height: Above roof _____ ft., above ground _____ ft.
20. Exit gas: Temp. _____ °F, Volume _____ ACFM, Velocity _____ ft./min.
21. Continuous monitoring equipment ☐ Yes ☐ No
If yes, indicate type _____, Manufacturer _____
Make or Model _____, Pollutant(s) monitored _____
22. Emission data: Emissions from this source have been determined and such data is included with this appendix: ☐ Yes ☐ No
If yes, check method: ☐ Stack Test ☐ Emission factor

Completed by _____, Date _____

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INSTRUCTIONS FOR APPENDIX B -
FUEL BURNING EQUIPMENT

Appendix B is a technical information form for fuel burning equipment.

Regulation EP-11-01 (A) defines "fuel-burning equipment" as "...any furnace, boiler, apparatus, and all appurtenances thereto, used in the process of burning fuel for the primary purpose of producing heat or power by indirect heat transfer."

General Instructions: Answer or complete all items. If the item does not apply to the fuel burning equipment write in "not applicable" or "NA". If the answer is not known write in "not known" or "NK". The appendix form may be returned if all items are not completed or answered.

SPECIFIC INSTRUCTIONS

ITEM Items (1) thru (8) refer to general information about the fuel burning equipment.

- (1) Complete the manufacturer and model number of the fuel burning equipment.
- (2) Complete the company's identification number for the equipment (e.g boiler #1) and the year it was or will be installed.
- (3) Specify the input capacity in one million BTU's per hour (10^6 BTU/hr) and/or the output capacity in pounds of steam per hour (lbs. - steam/hr). "Rated" refers to the continuous rating of the heat exchanger. "Maximum" refers to the maximum peak rating of the heat exchanger. "Normal" refers to the normal operating capacity of the heat exchanger. If the heat exchanger has separate ratings for each fuel used, specify the input and/or output capacities for each fuel used on a separate attachment.
- (4) Complete the percent of use for space heat, process and power. Total is 100%.
- (5) Complete the fuel burning equipment's normal operating schedule in hours per day, days per week, and weeks per year.
- (6) Check the type of fuels fired.
- (7) Check the type of draft.
- (8) Check the method of combustion monitoring.

Coal Fired Units: Items (9) and (10) refer only to coal fired units.

- (9) Check the method of coal firing.
- (10) Indicate whether or not there is fly ash reinjection from a fly ash collector.

Oil Fired Units: Items (11) thru (13) refer only to oil fired units.

- (11) Check the type of fuel oil used.
- (12) Check the type of fuel atomization employed.
- (13) Indicate if an oil preheater is used and if so specify the temperature of the heated oil.

Item Fuel Data: Item (14) refers to fuel data for this source. A fuel analysis can be obtained from the supplier.

- (14) Specify the heat content, ash content, sulfur content, and the quantity used per year and per hour (normal amount and maximum amount) for each fuel used. Use units provided on the form. Also complete the percent annual use by season for each fuel used. The months within each season are: Winter (December - February), Spring (March - May), Summer (June - August), and Fall (September - November).

Control Equipment: Items (15) (a) thru (j) refer to the control equipment information.

- (15) Complete items (a) thru (j) for any air pollution control device or equipment related to the fuel burning equipment of this appendix. The primary collector and secondary collector refer to separate control devices or equipment for collecting similar or different air pollutants. If there is a third collector complete the same data for that collector on a separate sheet. Additional information (e.g. drawings, design data, etc.) may be attached to this appendix.
 - (a) Insert the control equipment code letter.
 - (b) Name the manufacturer of the control equipment.
 - (c) Name the manufacturer's model number (if any).
 - (d) Fill in the year the control was or will be installed.
 - (e) Fill in the company's identifying name or number for the control device or equipment.
 - (f) Specify only the pollutant (air contaminant) controlled.
 - (g) Specify the controlled pollutant emission rate if known or measured, in pounds per hour (lbs/hr) or grains per standard cubic foot dry (g/scfd) or other appropriate units. Specify units.
 - (h) Specify the pressure drop, in inches H₂O, across the collector.
 - (i) Specify the design collection or removal efficiency of the collector for the controlled pollutant.
 - (j) Specify the operating collection or removal efficiency of the collector for the controlled pollutant. The operating efficiency is normally determined from a stack test.

Stack Data: Items (16) thru (22) refer to information for the stack or exhaust of this fuel burning equipment.

- (16) Indicate the company's identification for the stack or exhaust.

- (17) If other sources are also vented to this same stack or exhaust indicate so and identify those sources.
- (18) Specify the inside dimensions of the stack or exhaust at the outlet to the atmosphere.
- (19) Specify the stack's or exhaust's height, in feet(ft.), above ground and above the attached roof.
- (20) For the stack's or exhaust's exit gas complete the temperature in degrees Farenheit (°F), the volume flow rate in actual cubic feet per minute (ACFM), and the velocity in feet per minute (ft/min.). If the properties of the exit gas vary use the average values.
- (21) Indicate if the stack or exhaust is equipped with air pollution monitoring equipment and if so specify the type, manufacturer, make or model, and the pollutant or pollutants monitored.

Item

- (22) If air pollution emissions from this fuel burning equipment have been determined and the data is included with (attached to) this appendix indicate so and check the method of determination (i.e.) stack test or emission factor). The stack test may be from either this reported fuel burning equipment or a similar one located elsewhere. The emission factor calculation and determination should include a reference to the process emission factor and data relative to the collection or removal efficiency of any air pollution control equipment.

Completed by and Date: Write in the name of the person completing this form and the date.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FEE

1431110128B001
APPLICATION NUMBER

\$15.00
AMOUNT DUE

US DEPT OF ENERGY - FEED MATERIALS PROD
FACILITY NAME

RETURN THIS STATEMENT WITH YOUR REMITTANCE AND
APPLICATION TO THE APPROPRIATE OHIO EPA DISTRICT
OFFICE OR LOCAL AIR POLLUTION CONTROL AGENCY.

PURSUANT TO SEC. 3745.11(G) OF THE OHIO REVISED
CODE, A NON-REFUNDABLE APPLICATION FEE FOR EACH
SOURCE MUST ACCOMPANY EACH APPLICATION FOR A
PERMIT TO INSTALL, PERMIT TO OPERATE OR VARIANCE.

MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FEE

1431110128B003
APPLICATION NUMBER

\$15.00
AMOUNT DUE

US DEPT OF ENERGY - FEED MATERIALS PROD
FACILITY NAME

RETURN THIS STATEMENT WITH YOUR REMITTANCE AND
APPLICATION TO THE APPROPRIATE OHIO EPA DISTRICT
OFFICE OR LOCAL AIR POLLUTION CONTROL AGENCY.

PURSUANT TO SEC. 3745.11(G) OF THE OHIO REVISED
CODE, A NON-REFUNDABLE APPLICATION FEE FOR EACH
SOURCE MUST ACCOMPANY EACH APPLICATION FOR A
PERMIT TO INSTALL, PERMIT TO OPERATE OR VARIANCE.

MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

OHIO ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR A PERMIT TO OPERATE
AN AIR CONTAMINANT SOURCE

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Facility Name			Person to Contact		
Facility Address			Mailing Address		
City	County	Zip	City	State	Zip
Telephone	Area	Number	Telephone		

(Application No., if this is a renewal application) Std. Ind. Class. Code

1. Complete and attach any of the following appendices most appropriate to the air contaminant source. In addition, a compliance time schedule form is to be attached when applicable. Check as appropriate the following:

<input type="checkbox"/> Appendix A, Process	<input type="checkbox"/> Appendix L, Solvent Metal Cleaning
<input type="checkbox"/> Appendix B, Fuel-Burning Equipment	<input type="checkbox"/> Appendix M, Fugitive Dust Emission Sources
<input type="checkbox"/> Appendix C, Incinerator	
<input type="checkbox"/> Appendix D, Surface Coating or Printing Operation	
<input type="checkbox"/> Appendix E, Storage Tank	<input type="checkbox"/> Specify Appendix No.
<input type="checkbox"/> Appendix H, Gasoline Dispensing Facility	<input type="checkbox"/> Appendix N, Rubber Tire Manufacturing
<input type="checkbox"/> Appendix J, Loading Rack at Bulk Gasoline Plant or Terminal	<input type="checkbox"/> Appendix O, Dry Cleaning Facility
<input type="checkbox"/> Appendix K, Surface Coating Line or Printing Line	<input type="checkbox"/> Appendix P, Landfills
	<input type="checkbox"/> Other Appendix
	<input type="checkbox"/> Compliance Time Schedule

2. Description of Source (same as used on appendix): _____
3. Your identification for Source (same as used on appendix): _____

I, being the individual specified in Rule 3745-35-02(B) of the Ohio Administrative Code, hereby apply for a Permit to Operate the air contaminant source(s) described herein. As required, the following additional documents are submitted as part of this application (describe all attachments):

Authorized Signature*
Title
Date

*Pursuant to OAC Rule 3745-35-02(B) (Permit to Operate).

Instructions for Completion of a Permit to Operate or Variance Application

These instructions concern the completion of application materials for a permit to Operate or a Variance for air contaminant sources. An application cannot be considered unless the application form is completed and signed and any required supplemental information is submitted. Pursuant to Section 3745.11(G) of the Ohio Revised Code (ORC), any person applying for a permit to operate, permit to install, or variance must pay a non-refundable application fee \$15.00. This fee must be submitted at the time of application. Make checks payable to the Treasurer of the State of Ohio. Unless otherwise provided for by rule, a separate application must be filed for each air contaminant source. Therefore, only one (1) appendix may accompany this form. Applicants are advised that they will be required to pay a fee upon approval of their application for a Permit to Operate or Variance as provided for in Section 3745.11(B) of the ORC.

An appendix is a technical information form to be completed by the applicant. From the following description of the appendices, determine which should accompany your application.

- Appendix A - Process: for sources not included in the other appendices.
- Appendix B - Fuel-Burning Equipment: for any furnace, boiler, apparatus, and all appurtenances thereto, used in the process of burning fuel with the primary purpose of producing heat or power by indirect heat transfer.
- Appendix C - Incinerator: for any equipment, machine, device, article, contrivance, structure or part of a structure used to burn refuse or to process refuse material by burning other than by open burning.
- Appendix D - Surface Coating or Printing Operation: for a surface coating operation not included under Appendix K or for a printing operation.
- Appendix E - Storage Tank: a storage tank for petroleum liquids.
- Appendix H - Gasoline Dispensing Facility: any site where gasoline is dispensed to motor vehicle gasoline tanks from stationary storage tanks.
- Appendix J - Loading Rack at a Bulk Gasoline Plant or Terminal: an operation for transferring gasoline to a delivery vessel.
- Appendix K - Surface Coating Line: a coating line consists of one or more coating applicators, flash-off areas or ovens to be used for the following: an automobile or light-duty truck assembly plant; can manufacturing; coil-coating; fabric coating; large appliance coating; magnet wire coating; metal furniture coating; paper coating; vinyl coating.
- Appendix L - Solvent Metal Cleaning: an operation employing solvent for cleaning metal surfaces; wipe-cleaning is excluded.

Appendix M - Fugitive Sust Emissioin Sources

General:

- | | |
|---|---|
| M1-1 - Plant Roadways and Parking Areas | M13 - Cement Manufacturing and Blending Plants |
| M1-2 - Aggregate Storage Piles | M14 - Ferroalloy Production |
| M1-3 - Material Handling | M15 - Metal Salvage Operations |
| M1-4 - Mineral Extraction | M16 - Pulp and Paper Mills |
| | M17 - Woodworking Operations |
| | M18 - Aggregate Processing Plants |
| | M19 - Coal Processing Plants |
| | M20 - Brick and Related Clay Product Manufacturing Plants |
| | M21 - Asphaltic Concrete Plants |
| | M22 - Concrete Batching Plants |

Iron and Steel Mills:

- M2-1 - Coke Manufacturing
- M2-2 - Iron Production
- M2-3 - Steel Manufacture
- M3 - Lime Plants
- M4 - Power Plants

M5 - Grain Terminals	M23 - Sandblasting Operations
M6 - Country Grain Elevators	M24 - Petroleum Refineries
M7 - Gray Iron Foundries	M25 - Agricultural Chemical
M8 - Steel Foundries	Manufacturing Plants
M9 - Glass Manufacturing Plants	M26 - Bulk Gasoline Terminals and
M10 - Fiberglass Manufacturing	Plants
M11 - Secondary Aluminum Processing	M27 - Carbon Black Plants
Plants	M28 - Municipal Incineration
M12 - Fertilizer Mixing/Blending Plants	M29 - Salt Processing Operations
	M30 - Galvanizing Plants

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Appendix N - Rubber Tire Manufacturing
Appendix O - Dry Cleaning Facility
Appendix P - Landfill

There are separate instructions with each appendix. If more than one application form is submitted at one time, it is acceptable to use photocopies of these forms containing identical data entry; however, each application must contain an original signature.

The following Sections of Chapter 3745-35 of the Ohio Administrative Code provide the applicant with information regarding air contaminant sources, permits to operate and variances. A complete copy of OAC Rule 3745-35 is available upon request.

OAC Rule 3745-35-01(B)(1) "Air Contaminant Source" shall mean any machine, device, apparatus, equipment, building, or other physical facility that emits or may emit any air pollutant.

OAC Rule 3745-35-02(A) Except as otherwise provided in Paragraph (H) of this rule and in rules 3745-35-03 and 3745-35-05 of the Administrative Code, no person may cause, permit, or allow the operation or other use of any air contaminant source without applying for and obtaining the permit to operate from the Ohio Environmental Protection Agency in accordance with the requirements of this rule.

OAC Rule 3745-35-03 (A) No person shall cause, permit or allow the operation or other use of any air contaminant source that emits any air pollutant in violation of any applicable air pollution control law, unless a variance has been applied for and obtained from the director for such source, pursuant to the provisions of this rule. No variance from any rule of the director adopted under Chapter 3704 of the Revised Code may be issued except pursuant to this rule.

Signature on Application Form:

OAC Rule 3745-35-02(B)(1) Applications for permits to operate shall be signed, in the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

(2) Applications for permits to operate shall be signed, in the case of partnership, by a general partner.

(3) Applications for permits to operate shall be signed, in the case of sole proprietorship, by the proprietor.

(4) Applications for permits to operate shall be signed, in the case of municipal, state, federal or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

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OAC Rule 3745-35-03(D)(1) Application for variances shall be signed in the case of a corporation, by a principal executive officer or at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

(2) Applications for variances shall be signed in the case of a partnership by a general partner.

(3) Applications for variances shall be signed in the case of a sole proprietorship, by the proprietor.

(4) Applications for variances shall be signed in the case of municipal, state, federal or other government facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.